



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventors: Brian K. Tanner

Appln. No.: 10/629,405

Confirm. No.: 2004

Filed: July 28, 2003

Title: METHOD FOR SPINDLE BEARING FRICTION  
ESTIMATION FOR RELIABLE DISK DRIVE  
STARTUP OPERATION

PATENT APPLICATION

Art Unit: Unassigned

Examiner: Unassigned

Customer No. 23910

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8**

I hereby certify that this correspondence is being deposited in the United States Postal Service with sufficient postage as first class mail in an envelope addressed to **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**, on September 9, 2003.

*Thomas A. Ward*

(Attorney Signature)

Thomas A. Ward, Reg. 35,732

Signature Date: September 9, 2003

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

It is requested that the information identified in this statement be considered by the Examiner and made of record in the above-identified application. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56.

***Enclosed with this statement are the following:***

- ☒ Form PTO-1449. The Examiner is requested to initial the form and return it to the undersigned in accordance with M.P.E.P. §609.
- ☒ The present application was filed after June 30, 2003. In accordance with the pre-official gazette waiver of 37 CFR 1.98 (a)(2)(i) posted at: [pac/dapp/opla/preognotice/idswouscopies.htm](http://pac/dapp/opla/preognotice/idswouscopies.htm), copies of cited U.S. patents are not enclosed.
- ☐ The present application was filed prior to June 30, 2003. A copy of each cited document as required by 37 C.F.R. §1.98 is enclosed.

✓ **Fee Authorization.** The Commissioner is hereby authorized to charge any deficiencies or credit any overpayment to Deposit Account No. 06-1325. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

FLIESLER DUBB MEYER & LOVEJOY LLP

Date: 9/9/03

By: Thomas A. Ward  
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Form PTO-1449 (Substitute)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket Number PANA-01066US3		Serial/Patent Number 10/629,405	
<i>Information Disclosure Statement</i> <b>BY APPLICANT</b> (Use several sheets if necessary)				Applicant/Patent Owner Brian K. Tanner			
				Filing/Issue Date July 28, 2003		Group Art Unit	
U.S. PATENTS							
Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
		6,055,120	Apr. 25, 2000	Schirle	360	73.03	Sep. 3, 1997
		6,061,198	May 9, 2000	Shrinkle	360	75	Jun. 12, 1997
		5,936,788	Aug. 10, 1999	Boutaghou et al.	360	75	Jul. 17, 1998
		6,493,169	Dec. 10, 2002	Ferris et al.	360	73.03	Apr. 19, 2000
Examiner				Date Considered			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							
*1 = Copy not submitted because it was submitted in prior application SN __/____, filed _____, 20__, relied on under 35 USC §120.							
*2 = Copy not submitted because it was submitted in prior application SN __/____, filed _____, 20__, relied on under 35 USC §120.							